Attachment to Office Action of 6/28/04

Alignment of SEQ 3 (QY) vs. SEQ106 (DB)

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RESULT   8
US-08-879-827A-106
; Sequence 106, Application US/08879827A
;  GENERAL INFORMATION:
;    APPLICANT:  Jofuku, K. Diane
;    APPLICANT:  Okamuro, Jack K.
;    TITLE OF INVENTION:  Methods for Improving Seeds
;    NUMBER OF SEQUENCES:  111
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend and Crew LLP
;      STREET:  Two Embarcadero Center, Eighth Floor
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111-3834
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/879,827A
;      FILING DATE:  20-JUN-1997
;      CLASSIFICATION:  800
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/700,152
;      FILING DATE:  20-AUG-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Bastian, Kevin L.
;      REGISTRATION NUMBER:  34,774
;      REFERENCE/DOCKET NUMBER:  023070-067210US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 576-0200
;      TELEFAX:  (415) 576-0300
;  INFORMATION FOR SEQ ID NO:  106:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1329 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
;    FEATURE:
;      NAME/KEY:  -
;      LOCATION:  1..1329
;      OTHER INFORMATION:  /note= "RAP2.7"
US-08-879-827A-106
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Query Match **15.1%**; Score 253.4; DB 24; Length 1329;
Best Local Similarity 74.2%; Pred. No. 3.1e-55;
Matches 320; Conservative 0; Mismatches 111; Indels 0; Gaps 0;

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Qy    538 CCGTTGAAAAAGAGTCGGCGTGGACCAAGATCAAGAAGTTCTCAGTATAGAGGTGTTACG 597
          | | | |||||||||||| | |||||||| || |||||||| |||||||||||| |||||
Db    277 CAGGTTAAAAAGAGTCGGAGAGGACCAAGGTCTAGAAGTTCACAGTATAGAGGAGTTACT 336
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Qy     598 TTTTACCGGCGTACCGGAAGATGGGAATCTCATATTTGGGACTGTGGGAAACAAGTTTAC 657
           |||||  |  | || ||  ||||||| || |||||||||||| ||||||||||||||||||
Db     337 TTTTATAGAAGAACTGGTCGATGGGAGTCACATATTTGGGATTGTGGGAAACAAGTTTAT 396

Qy     658 TTAGGTGGATTTGACACTGCTCATGCAGCAGCTCGAGCATATGATAGAGCTGCTATTAAA 717
           |||||||| || |||||||||||||| |||||| |||| |||||| |||||||||||||
Db     397 TTAGGTGGTTTCGACACTGCTCATGCTGCAGCTAGAGCTTATGATCGAGCTGCTATTAAA 456

Qy     718 TTCCGTGGAGTAGAAGCGGATATCAATTTCAACATCGACGATTATGATGATGACTTGAAA 777
           ||  | || || || || |||||||| || |   | |  |||||||| || ||  |||||
Db     457 TTTAGAGGTGTTGATGCTGATATCAACTTTACTCTTGGTGATTATGAGGAAGATATGAAA 516

Qy     778 CAGATGACTAATTTAACCAAGGAAGAGTTCGTACACGTACTTCGCCGACAAAGCACAGGC 837
           ||| |    || || |  |||||||||| || ||  |||| ||  |||| ||||| ||
Db     517 CAGGTACAAAACTTGAGTAAGGAAGAGTTTGTGCATATACTGCGTAGACAGAGCACGGGG 576

Qy     838 TTCCCTCGAGGAAGTTCGAAGTATAGAGGTGTCACTTTGCATAAGTGTGGTCGTTGGGAA 897
           ||  | || || |||||||||||| |||| || || || || || ||||||| | |||||||
Db     577 TTTTCGCGGGGGAGTTCGAAGTATCGAGGGGTTACGTTACACAAATGTGGTAGATGGGAA 636

Qy     898 GCTCGTATGGGTCAATTCTTAGGCAAAAAGTATGTTTATTTGGGTTTGTTCGACACCGAG 957
           ||| | ||||| || ||  | || |||||||  |  | |  || |  || ||||  |
Db     637 GCTAGGATGGGGCAGTTTCTTGGTAAAAAGGCTTATGACAAGGCTGCAATCAACACTAAT 696

Qy     958 GTCGAAGCTGC 968
           |    ||  ||
Db     697 GGTAGAGAAGC 707
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